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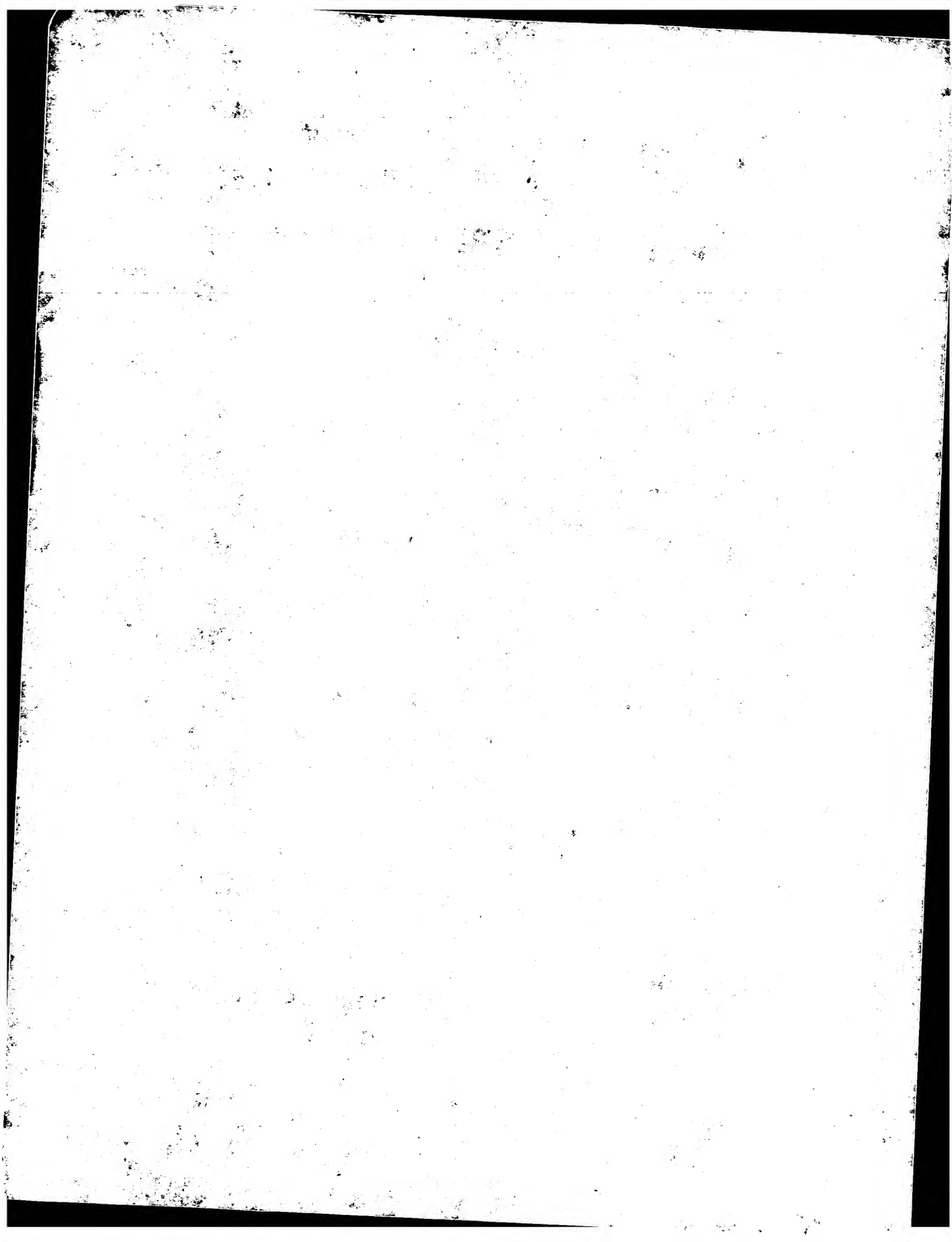
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PATENT ABSTRACTS OF JAPAN

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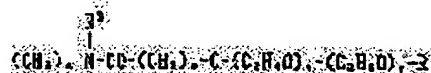
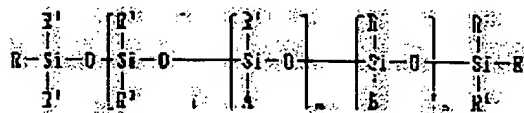
(21)Application number : 08-219967 (71)Applicant : KAO CORP
(22)Date of filing : 21.08.1996 (72)Inventor : YAMADA ISAO
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(54) DETERGENT COMPOSITION

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a detergent composition capable of suppressing the shrinkage due to felt shrinkage or relaxation shrinkage when washing a wool product by applying a weak mechanical force thereto by blending a specific amino-modified silicone derivative, etc., therein.

SOLUTION: This detergent composition comprises (A) an amino-modified silicone derivative represented by formula I [(I) is 100-600; (m) and (n) are each a number so as to provide (I):(m)=(100:1) to (10:1) and (m):(n)=(1:10) to (10:1); R is a 1-4C alkyl, hydroxy or an alkoxy; R1 is a 1-4C alkyl; A is represented by formula II [(a) and (b) are each 2-6; (p) is 1-6; (q) and (x) are each 1-20; (r) and (y) are each 0-20; R2 is H or a 1-4C alkyl; R3 is a 1-18C alkyl; B is (CH2)_a-O-(C2H4O)_x-(C3H6O)_y-R1' [(x) is 1-20; (y) is 0-20; R1' is a 1-10C alkyl] or R1], (B) one or more of an anionic surfactant, a nonionic surfactant, an amphoteric surfactant and a zwitter ionic surfactant and (C) a compound represented by formula III (R4 and R5 are each a 12-22C alkyl or an alkenyl; R6 and R7 are each methyl, ethyl, hydroxyalkyl, etc.).



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